

LATHES.

F. E. Reed & Co., Worcester, Mass., U. S. A.

MANUFACTURERS OF

BENCH LATHES, 9 and 11 inch swing ;

BACK GEARED HAND LATHES, 11, 14, and 16 inch swing ;

CHUCKING LATHES, 16, 20, and 30 inch swing ;

ENGINE LATHES from 10 to 30 inch swing ;

PLAIN FOOT LATHES, 9 and 11 inch swing ;

PLAIN HAND LATHES, 9, 11, 14, 16, and 26 inch swing ;

PLANNER CENTERS, 10, 12, and 16 inch swing ;

SCREW CUTTING FOOT LATHES, 10 and 11 inch swing ;

STUD and BOLT LATHES, 16 inch swing ;

SLIDE RESTS for Lathes of 9, 10, 11, 12, 14, 16, and 18 inch swing ;

TURNING TOOLS, all sizes.

OUR Tools are all made from recent designs and patterns, with the best of New England workmanship. They are guaranteed to do accurate work, and give entire satisfaction. If you want anything in our line, let us hear from you and we shall take pleasure in quoting you cash prices. We constantly aim to keep the costs of our Lathes down as low as possible, consistent with first-class workmanship; and we sell at a close margin. This allows us to offer more of a Tool for the money than can be found anywhere else.

We solicit your correspondence at either of the addresses given below; also invite you to call at our shops at Worcester, if possible, when we should take pleasure in showing you our Lathes in process of construction, ready to ship, and in use, and also our methods of manufacture, which are not excelled.

Respectfully,

F. E. REED & CO.,

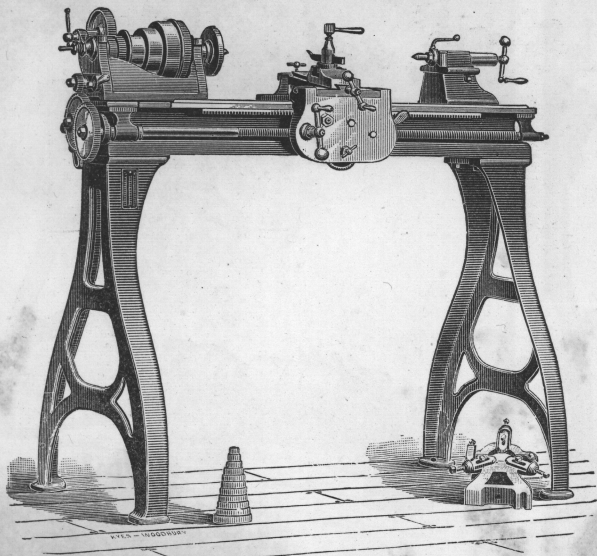
WORCESTER, MASS.

MANNING, MAXWELL & MOORE, Selling Agents,

60 S. Canal Street, CHICAGO,

111 & 113 Liberty Street, NEW YORK.

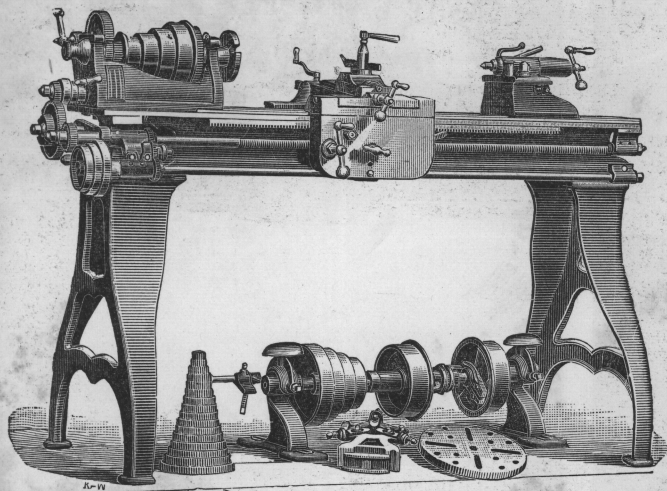
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



10 Inch x 4 Foot ENGINE LATHE.

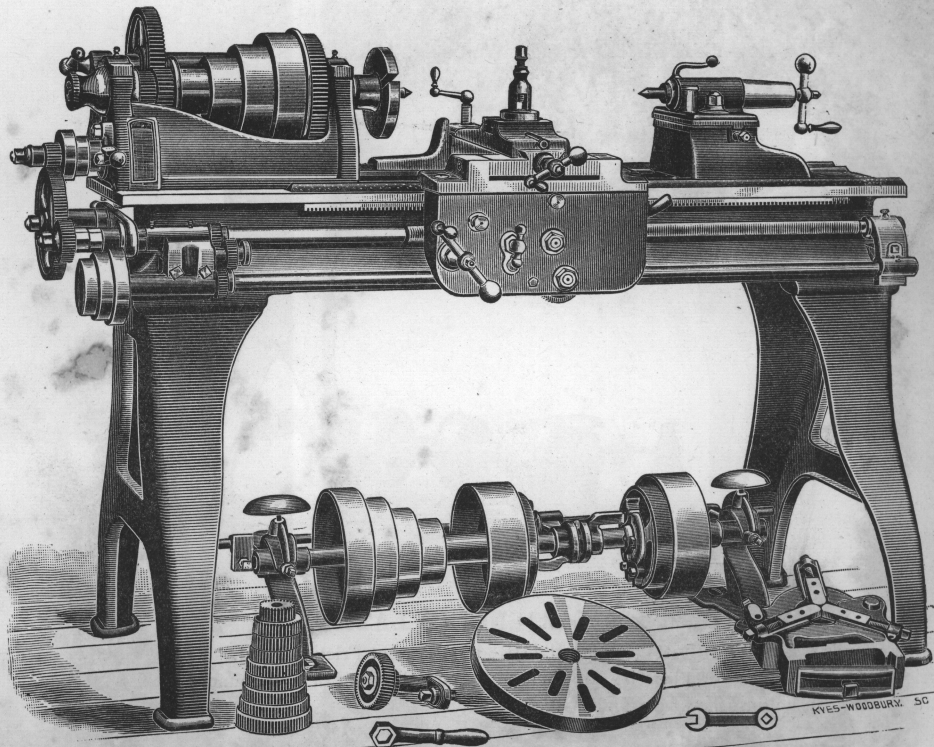
With Elevating Rest and Patent Friction Feed. Weight, 500 pounds. Can also be furnished with Plain Rest and Patent Friction Feed, or without Countershaft and with Foot Power attachment.

Made by F. E. REED & CO., Worcester, Mass., U. S. A.



12 Inch x 5 Foot ENGINE LATHE.

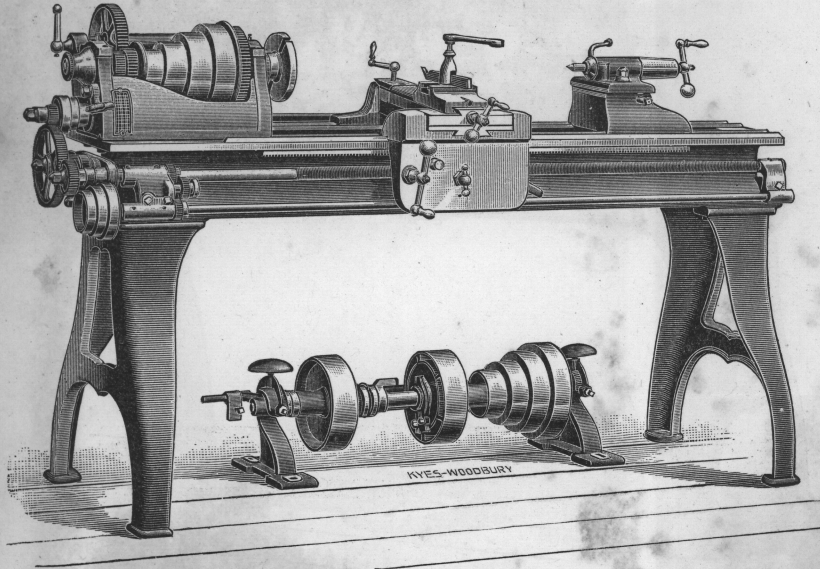
Weight, 930 pounds. Elevating Rest. Independent Rod and Patent Friction Feed. Patent Variable Feed and Patent Friction Countershaft. Can also be furnished with Plain Gib Rest or Compound Rest. Taper Attachment can be furnished with Plain Gib Rest only.



14 Inch by 6 Foot ENGINE LATHE. Weight, 1300 pounds. Elevating Rest and Power Cross Feed. Independent Rod and Patent Friction Feed, Patent Variable Feed and Patent Friction Countershaft. Can also be furnished with Plain Glib Rest with Power Cross Feed, or Compound Rest with Power Cross Feed. Taper Attachment can be furnished with either style rest.

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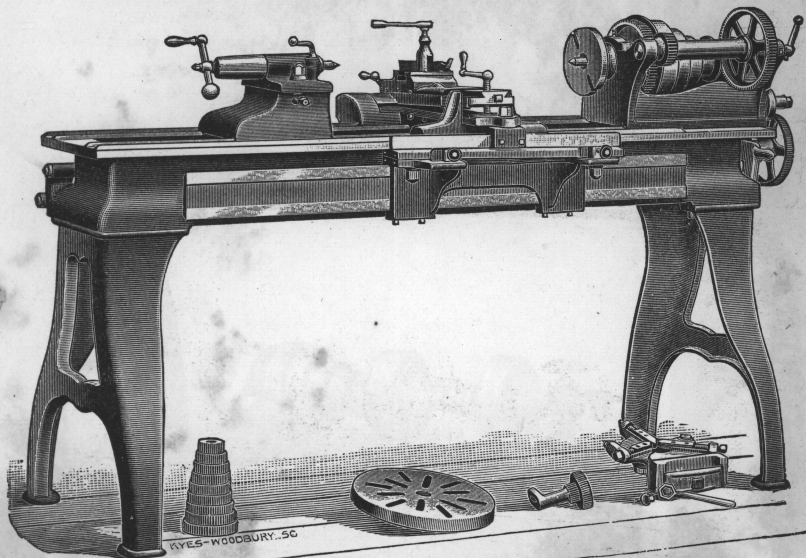
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



14 Inch x 6 Foot ENGINE LATHE, Elevating Rest and TAPER ATTACHMENT.

FRONT VIEW. Can be furnished with Plain Gib Rest and Taper Attachment. Weight, 1490 pounds.

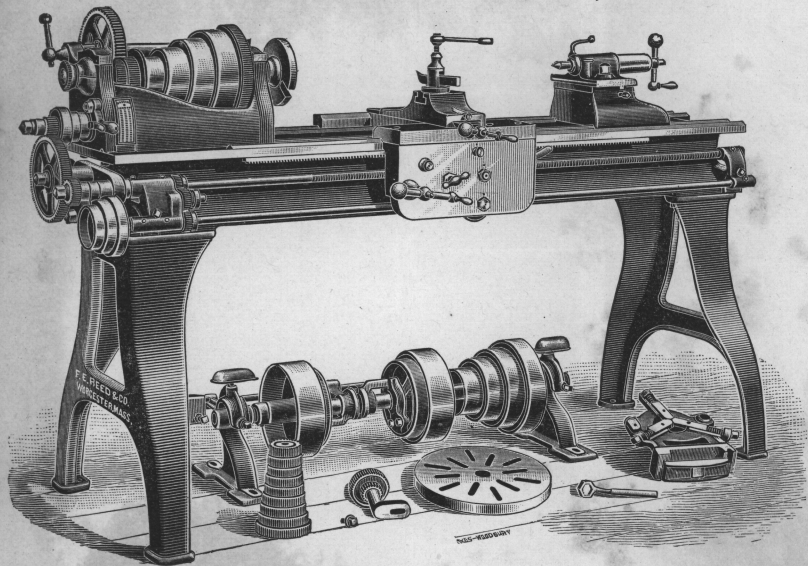
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



14 Inch x 6 Foot ENGINE LATHE, Elevating Rest and TAPER ATTACHMENT.

REAR VIEW. Can be furnished with Plain Gib Rest and Taper Attachment. Weight, 1490 pounds.

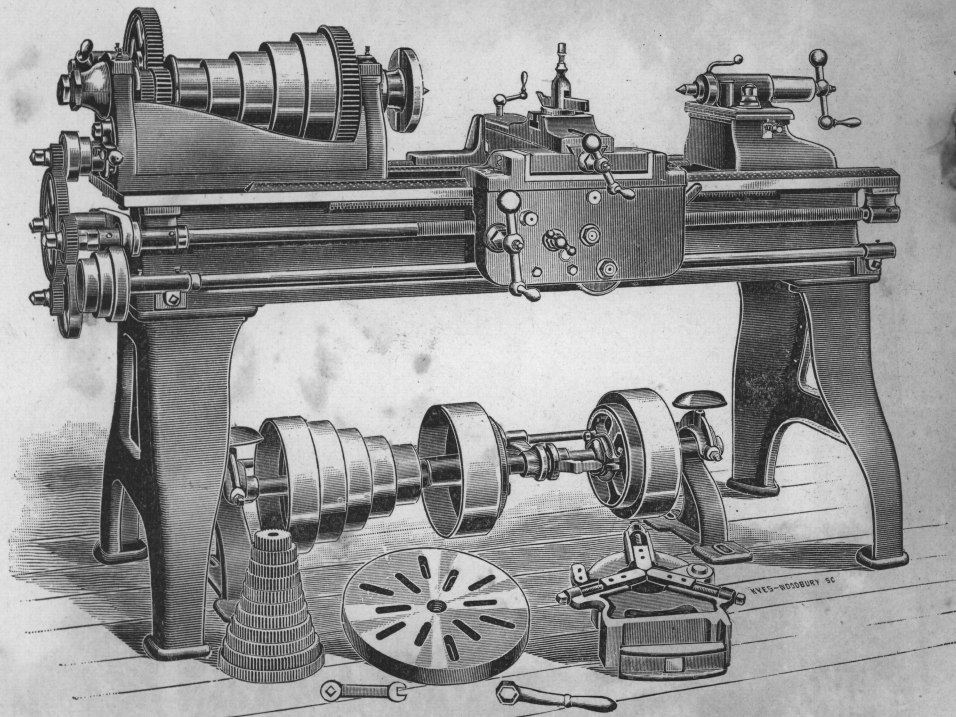
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



14 Inch x 6 Foot ENGINE LATHE.

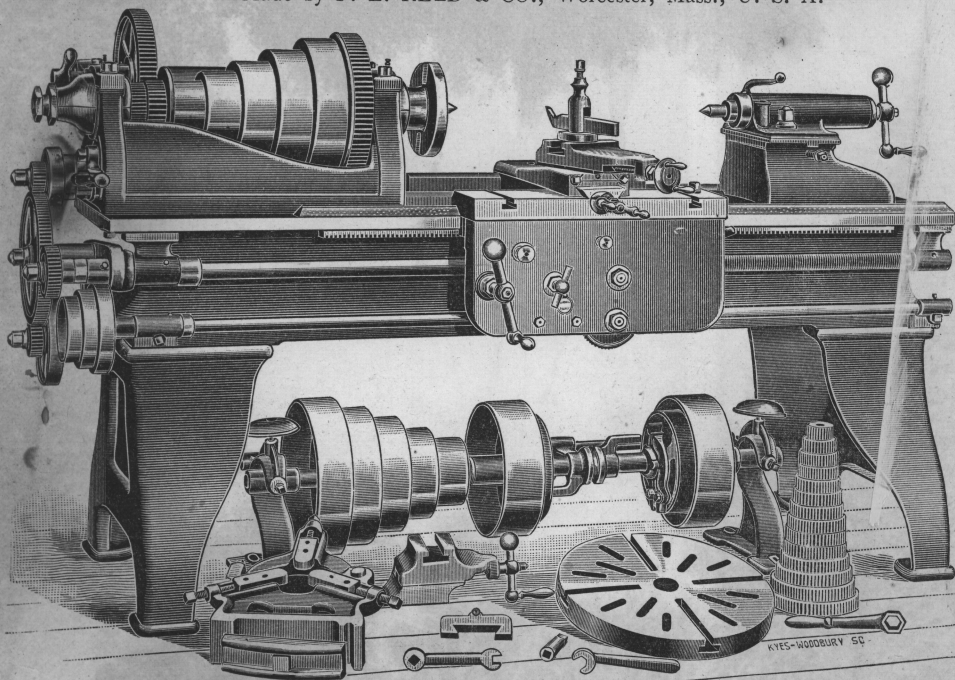
Plain Gib Rest and Power Cross Feed. Weight, 1300 pounds.

Made by F. E. REED & CO., Worcester, Mass., U. S. A.

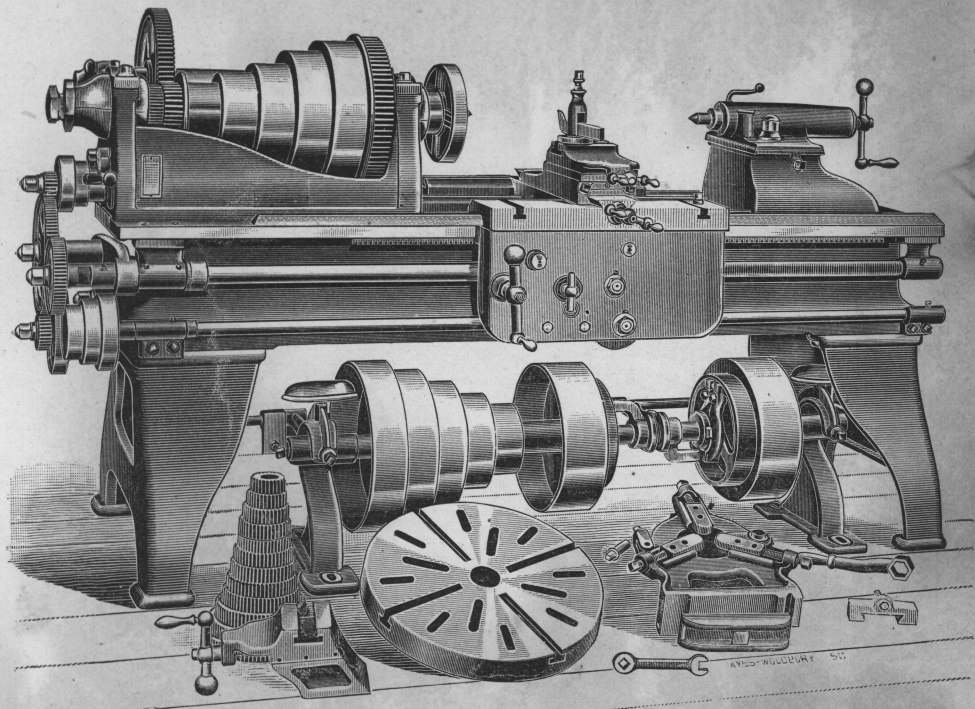


16 Inch x 6 Foot ENGINE LATHE. Weight, 1835 pounds. Elevating Rest and Power Cross Feed. Independent Rod and Patent Friction Feed. Patent Variable Feed and Patent Friction Control. Also can be furnished with Plain Gib Rest or Compound and Rest. Taper Attachment can be furnished with either style of rest.

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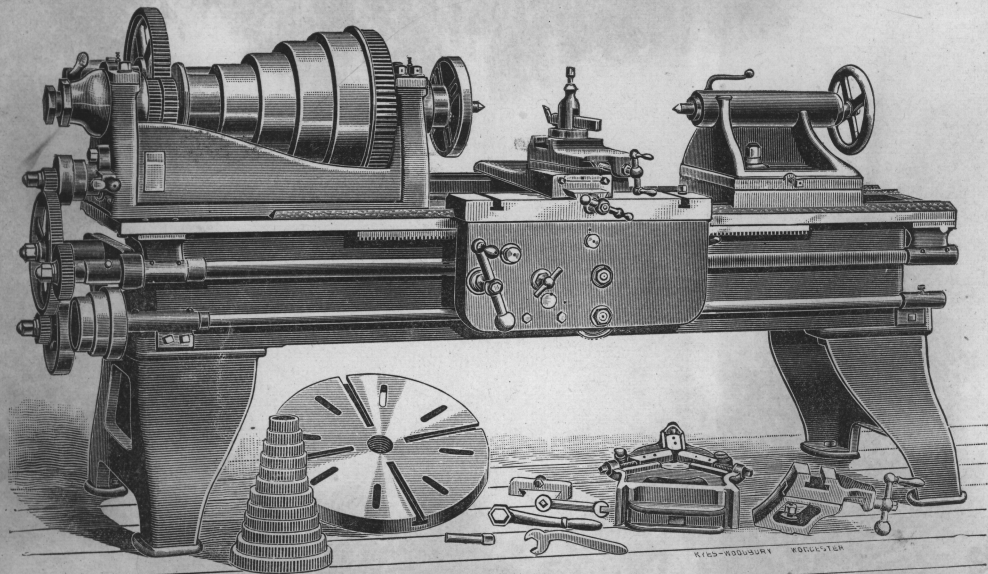


18 Inch by 8 Foot ENGINE LATHE. Weight, 2665 pounds. Compound Rest and Power Cross Feed. Independent Rod and Patent Friction Feed. Patent Variable Feed and Patent Friction Countershaft. Can also be furnished with Plan Rest. Taper Attachment can be furnished with either style of Rest.

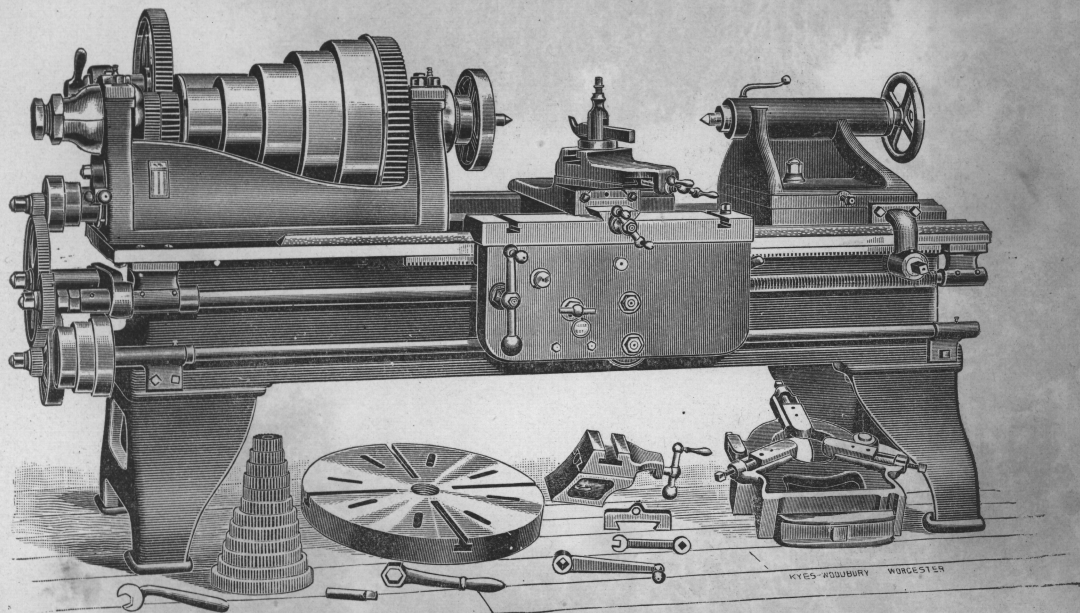


20 Inch x 8 Foot ENGINE LATHE. Weight, 3100 pounds. Compound Rest and Power Cross Feed. Independent Rod and Patent Friction Feed. Patent Variable Feed and Patent Friction Countershaft. Can also be furnished with Taper Attachment.

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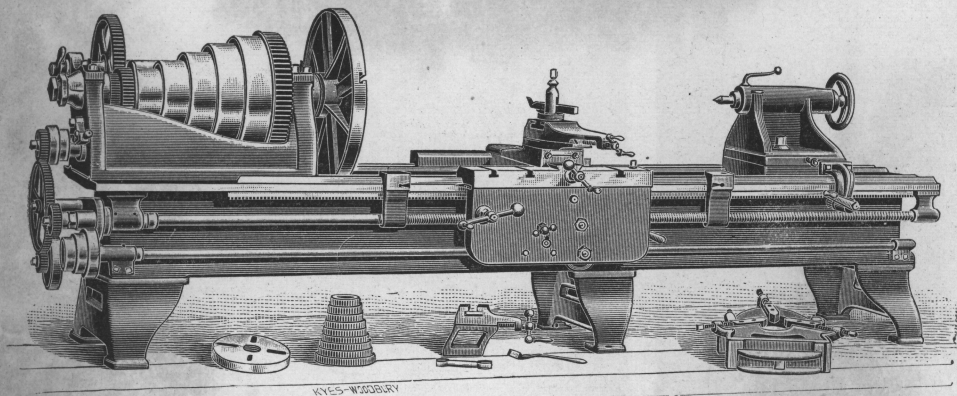


22 Inch x 10 Foot ENGINE LATHE. Weight, 4050 pounds. With Compound Rest and Power Cross Feed, Independent Rod and Friction Feed. Patent Variable Feed and Patent Friction Counter-shaft. Can also be furnished with Taper Attachment.



24 Inch x 12 Foot ENGINE LATHE. Weight, 5035 pounds. With Compound Rest and Power Cross Feed. Independent Rod and Patent Friction Feed. Patent Variable Feed and Patent Friction Countershaft. Can be furnished with Taper Attachment.

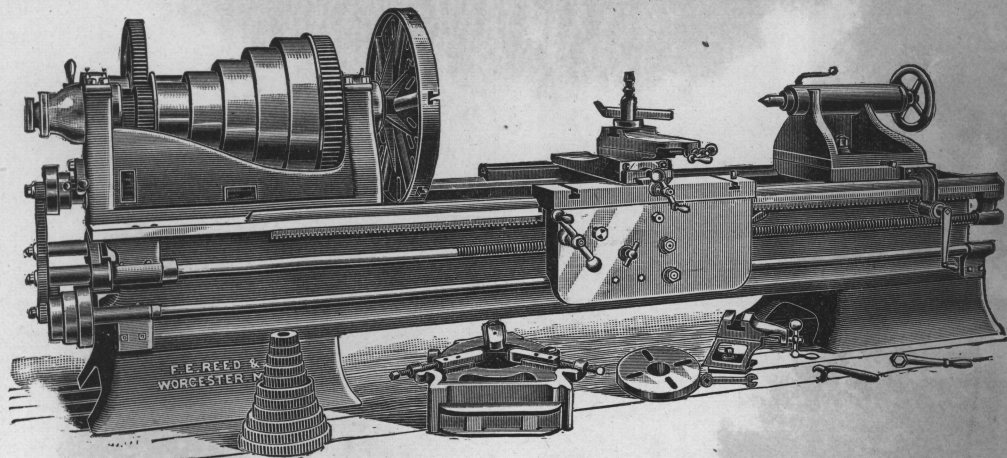
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



27 Inch x 12 Foot ENGINE LATHE.

Weight, 5860 pounds. Compound Rest and Power Cross Feed. Independent Rod and Patent Friction Feed. Patent Variable Feed and Patent Friction Countershaft.

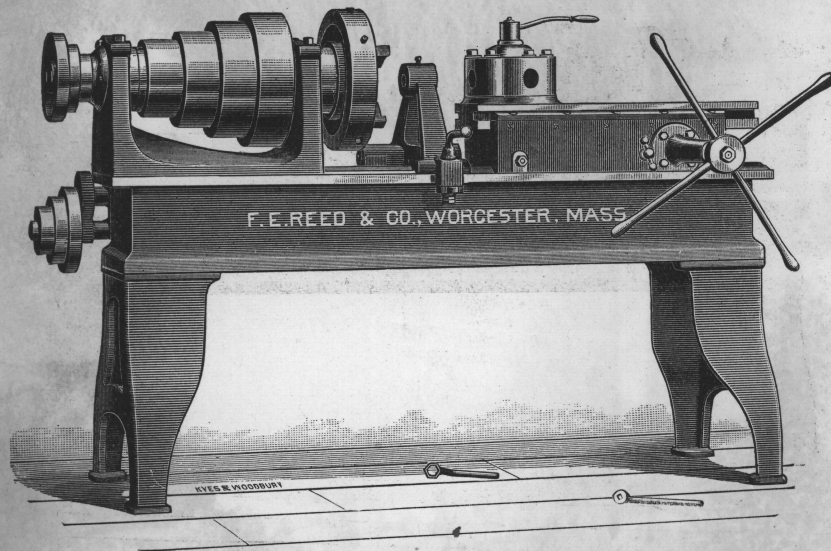
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



30 Inch x 12 Foot ENGINE LATHE.

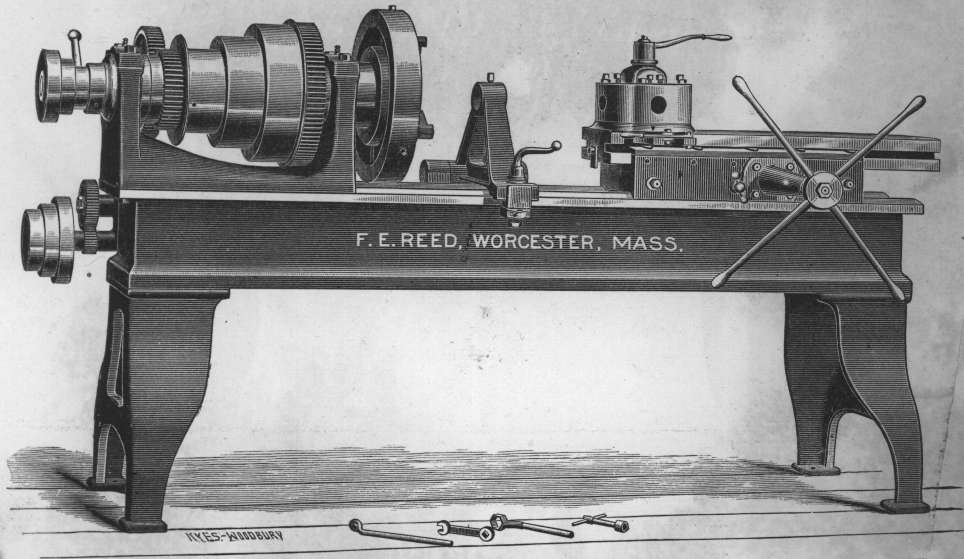
Weight, 7850 pounds. Compound Rest and Power Cross Feed. Independent Rod and Patent Friction Feed, Patent Variable Feed and Patent Friction Countershaft.

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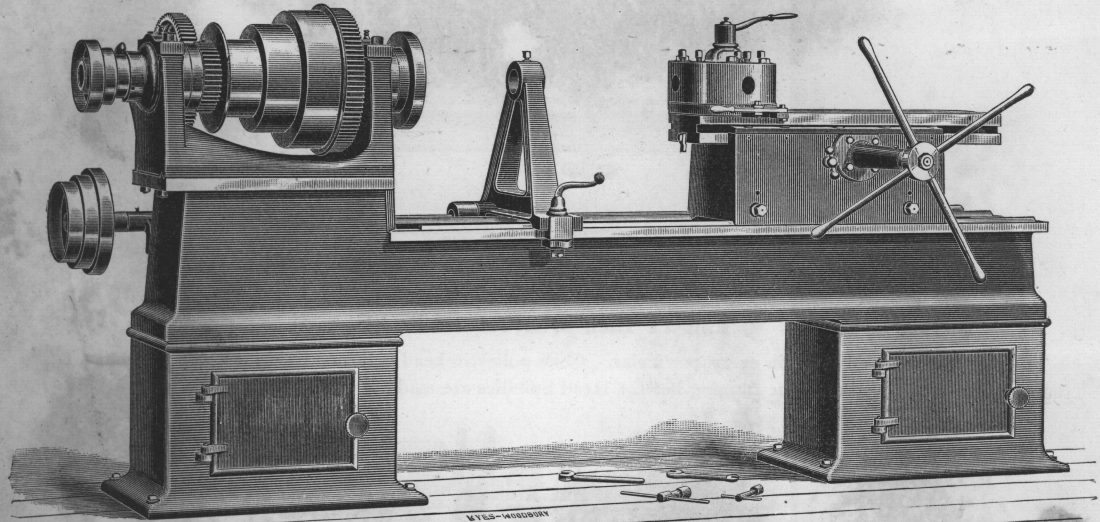
**PATENT TURRET-HEAD CHUCKING LATHE, 16 and 20 Inch x 6 Foot.
Without Back Gears.**

Made by F. E. REED & CO., Worcester, Mass., U. S. A.



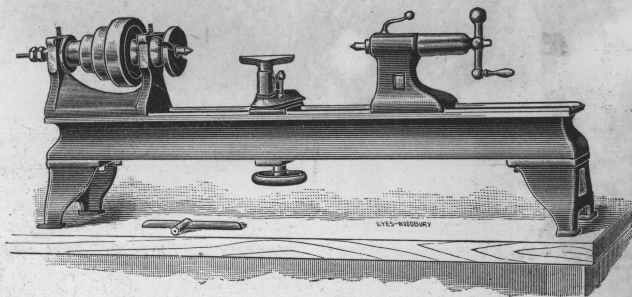
**PATENT TURRET-HEAD CHUCKING LATHE, 20 Inch by 6 Foot.
With Back Gears.**

Made by F. E. REED & CO., Worcester, Mass., U. S. A.



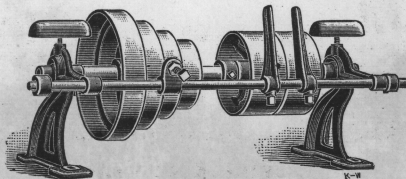
PATENT TURRET-HEAD CHUCKING LATHE, 30 Inch x 8 Foot.
With Back Gears.

Made by F. E. REED & CO., Worcester, Mass., U. S. A.



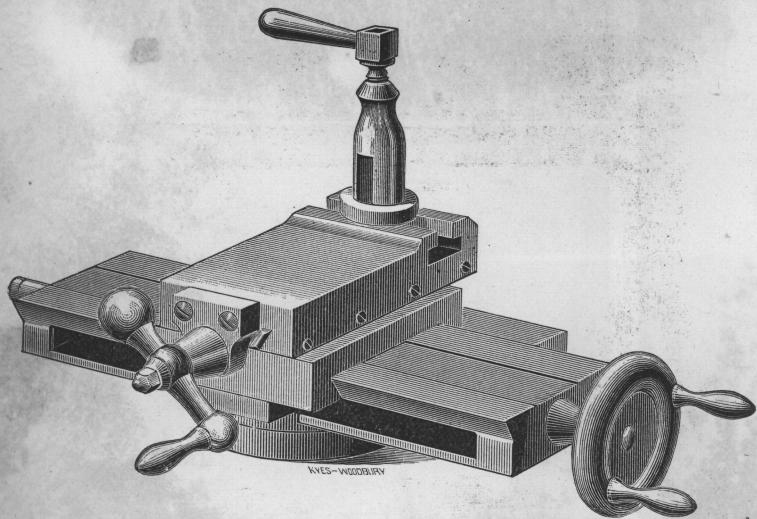
9 and 11 Inch BENCH LATHES.

These Lathes are well made in every particular. Cone pulley in head is turned inside as well as out, insuring a perfectly balanced and true running head. Head Spindles are made of cast crucible steel, and are hollow.



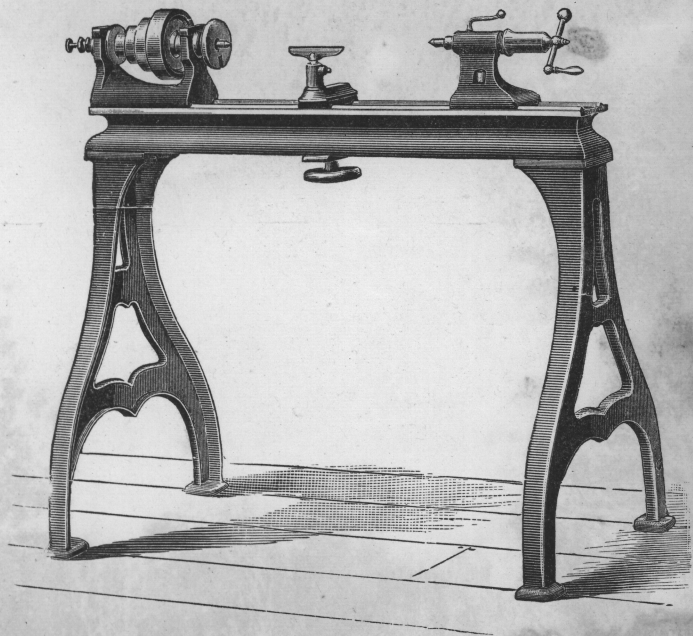
Countershaft for Bench and Hand Lathes.

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SLIDE REST, For Lathes of 9, 10, 11, 12, 14, 15, 16, and 18 Inch Swing.

Made by F. E. REED & CO., Worcester, Mass., U. S. A.



11 Inch HAND LATHE.

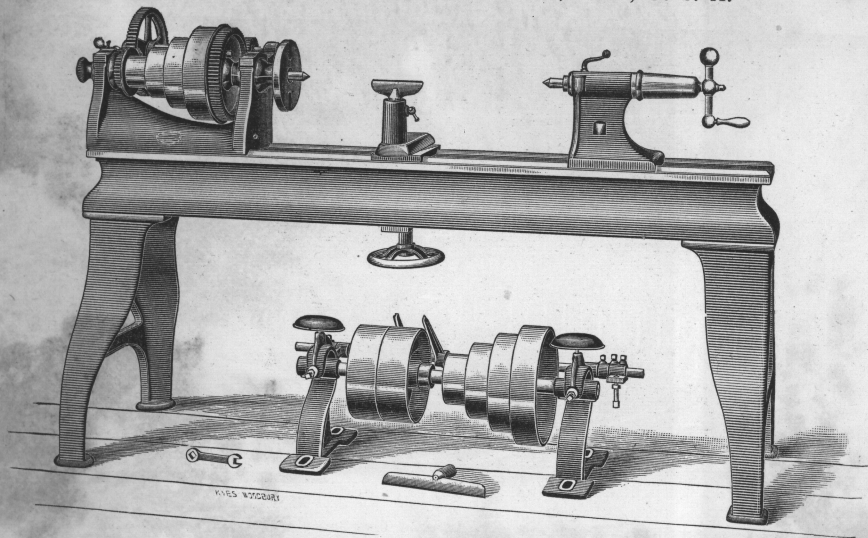
We build Hand Lathes 9, 11, 14, 16, and 26 inch swing.

These Lathes are well made in every particular.

Cone pulley in the head is turned inside as well as out, insuring a perfectly balanced and true running head.

Head Spindles are made of cast crucible steel, and are hollow.

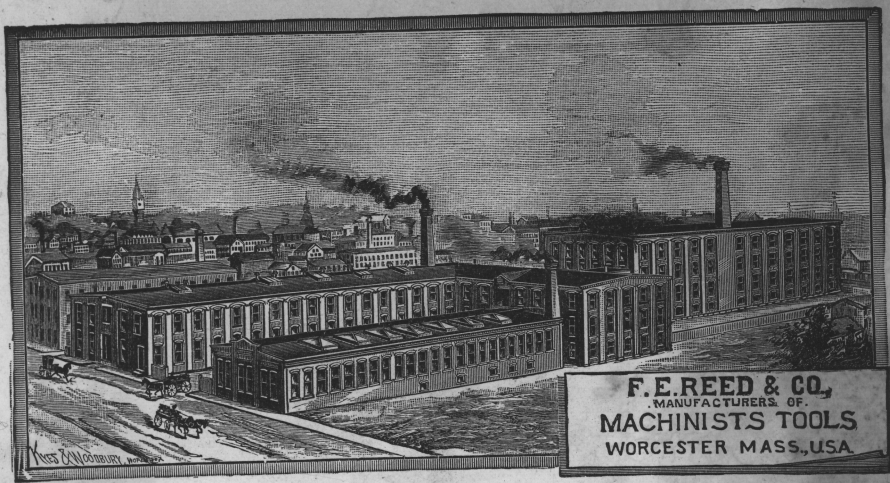
Made by F. E. REED & CO., Worcester, Mass., U. S. A.



14 Inch Swing BACK GEARED HAND LATHE.

We also build these Hand Lathes, 11 and 16 inch swing.
These Lathes have hollow spindles in the head, and the cones are turned inside as well as out, which makes a perfectly balanced cone and true running head.

120
103



The above cut represents our Shops. They contain $1\frac{1}{4}$ Acres of floor space. The Main Shop is a building 180 feet long by 55 feet wide, with an Ell 58 feet long, both having two stories and a Basement. The one-story Building is a Planer Shop 125 feet long, with solid masonry foundation for each planer. The building in the rear is 107 feet long. The first floor is used as a Machine Shop, and the two upper stories are used for storage. The Basement contains a fine Wash-Room. These shops throughout are well lighted, heated and ventilated, and are fitted with the most approved sanitary arrangements. They were constructed especially for our business, and are fitted throughout with the best of modern facilities for the manufacture of Machinists' Tools to the best possible advantage. Illustrated Catalogue will be sent on application.

F. E. REED & CO.